

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A

Former Agency Name: Los Angeles County Department of Public Works (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Mr. Tim Smith	Case No.: 012649-012818

#### Case Information

USTCF Claim No.: None	Global ID: T10000004918
Site Name: Los Angeles City Department of Water and Power	Site Address: 2093 Avenida Feliciano Rancho Palos Verdes, CA 90275 (Site)
Responsible Party: Los Angeles City Department of Water and Power Attention: Ms. Elizabeth Ninan	Address: 111 North Hope Street, Room 1050 Los Angeles, CA 90012
USTCF Expenditures to Date: N/A	Number of Years Case Open: 7

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000004918](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004918)

#### Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy

The release at the Site was discovered during the removal of one 500-gallon gasoline underground storage tank (UST) in January 2007. The release is limited to soil only. Groundwater has not been encountered at the Site to a maximum explored depth of 10 feet below ground surface (bgs). Based on groundwater data at nearby leaking UST cases within a 1-mile radius of the Site, groundwater at the Site is estimated to be approximately 37 feet bgs. No active supply wells exist within an approximate 3.5 mile radius of the Site.

Residual petroleum constituents are limited to shallow soil to a depth of approximately 10 feet bgs. Remedial actions have been implemented and further remediation would be ineffective

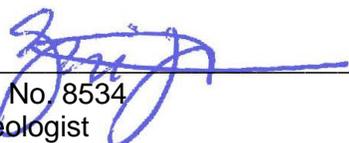
and expensive. Any remaining petroleum constituents do not pose significant risk to human health, safety or the environment.

**Rationale for Closure under the Policy**

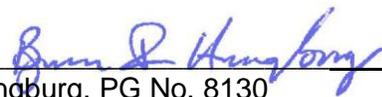
- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the **EXCEPTION**. Groundwater has not been encountered to a maximum depth explored of 10 feet bgs.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERIA (2) b**. The State Water Board evaluated Site conditions and determined that human health is protected.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERIA (3) a**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy. There are no soil samples results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be directly substituted for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

**Recommendation for Closure**

The corrective action performed at this Site ensures the protection of human health, safety, the environment and is consistent with Chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control and the applicable water quality control plan, and case closure is recommended.

Prepared By:   
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10/23/13  
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Date

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Senior Engineering Geologist

10/23/13  
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Date